

Remarks

In view of the above amendments and the following remarks, favorable reconsideration of the outstanding office action is respectfully requested.

The specification has been amended to clarify the patents and patent applications that were incorporated by reference. A copy of the now issued patent (U. S. No. 6,299,958, referenced in the application as "Corning's Provisional P13569") is submitted herewith for consideration by the Examiner. U. S. Application No. 09/299,766, published as WO99/55460, was previously submitted with Form 1449 and considered by the Examiner.

Attached hereto is a page entitled "Version of Markings to Show Changes Made."

Claims 1-4 and 6-56 remain in this application. Claim 1 has been amended. Claim 5 has been canceled.

1. Allowed Claims/Subject Matter

Applicant notes with appreciation that the Examiner has indicated the subject matter of claims 4-36, 38, and 41-56 is patentable, and would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 1 has been amended to essentially incorporate the limitations in claim 5 therein. Applicants wish to point out that claims 50, 54, and 56 are, in fact, independent claims. Consequently, these claims are already in condition for allowance.

2. Conclusion

For all of the above reasons, it is submitted that the present application is in condition for allowance and such allowance is earnestly solicited for the pending claims 1-4 and 6-56 and a prompt Notice of Allowance thereon.


Applicant believes that one (1) month extension of time is necessary to make this Response timely. Should Applicant be in error, Applicant respectfully requests that the Office grant such time extension pursuant to 37 C.F.R. § 1.136(a) as necessary to make this Reply timely, and hereby authorizes the Office to charge any necessary fee or surcharge with respect to said time extension to the deposit account of the undersigned firm of attorneys, Deposit Account 03-3325.

Please direct any questions or comments to Robert L. Carlson at (607) 974-3502.

Respectfully submitted,

CORNING INCORPORATED

Date: Feb 3, 2003


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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8: I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Asst. Commissioner of Patents and Trademarks, Washington, D.C. 20231 on February 3, 2003.
Date of Deposit

Robert L. Carlson
Name of applicant, assignee, or
Registered Representative


Signature

February 3, 2003
Date of Signature

VERSION OF MARKINGS TO SHOW CHANGES MADE

Specification

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In this third embodiment, the burner manifold is formed by an extrusion process. The burner manifold tapers from a first end to a second end or, alternatively, has a tapered section located between the first end and the second end. This can be done, for example, by plastically transforming a preform of parallel channels (honeycomb substrate) into a funnel of funneling channels. Two suitable transforming processes are hot draw down and reduction extrusion. "Hot draw down" is a viscous forming process carried out on viscously sintered preforms and is described in commonly-owned U.S. Patent Application No. 09/299,766 [provisional application no. 60/091,107] entitled "Redrawn Capillary Imaging Reservoir", the specification of which is hereby incorporated herein by reference. "Reduction extrusion" is a plastic forming process carried out on unsintered particulate preforms as illustrated in Corning's U.S. Patent No. 6,299,958 [Provisional P13569] entitled "[The] Manufacture of Cellular Honeycomb Structures", the specification of which is hereby incorporated herein by reference. Particulates of metal, plastic, ceramic and/or glass are compounded and extruded to make the preform. The top section of the manifold may be cylindrical, rectangular, or any other shape suitable for carrying a burner.

Claims

1. (Amended) A burner manifold apparatus for delivering reactants to a combustion site of a chemical vapor deposition process, comprising:

fluid inlets, fluid outlets, and a plurality of fluid passages extending between the fluid inlets and the fluid outlets, the fluid passages converging toward each other from the fluid inlets to the fluid outlets[.]; and at least one pressure inducing restriction device for passing fluid therethrough in narrow elongated streams, the at least one pressure inducing restriction device being positioned between the fluid inlets and the fluid outlets.

5. (Cancel) [A burner manifold apparatus as claimed in claim 1, further comprising at least one pressure inducing restriction device for passing fluid therethrough in narrow

elongated streams, the at least one pressure inducing restriction device being positioned between the fluid inlets and the fluid outlets.]